Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091119\
Data File : BF116953.D
Acq On : 11 Sep 2019 18:27
Operator : HP/JU
Sample : K4786-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Sep 12 07:04:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79134	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	317755	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	171134	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	293453	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	242015	20.00	ng	-0.02
87) Perylene-d12	15.41	264	237731	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	474008	97.04	ng	-0.01
7) Phenol-d6	6.46	99	646330	100.77	ng	-0.02
23) Nitrobenzene-d5	7.38	82	401332	72.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.64	330	147227	128.69	ng	-0.02
45) 2-Fluorobiphenyl	9.17	172	750301	73.96	ng	-0.02
79) Terphenyl-d14	12.92	244	813653	62.19	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	53666	12.707	ng	# 72
25) Isophorone	7.38	82	401328	35.582	ng	# 66
50) Dimethylphthalate	9.56	163	78853	6.674	ng	99
51) 2,6-Dinitrotoluene	9.85	165	21374	9.482	ng	# 19
57) 2,4-Dinitrotoluene	9.85	165	21374	7.754	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.64	198	123	7.547	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	9223	3.094	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 10 17:49:40 2019
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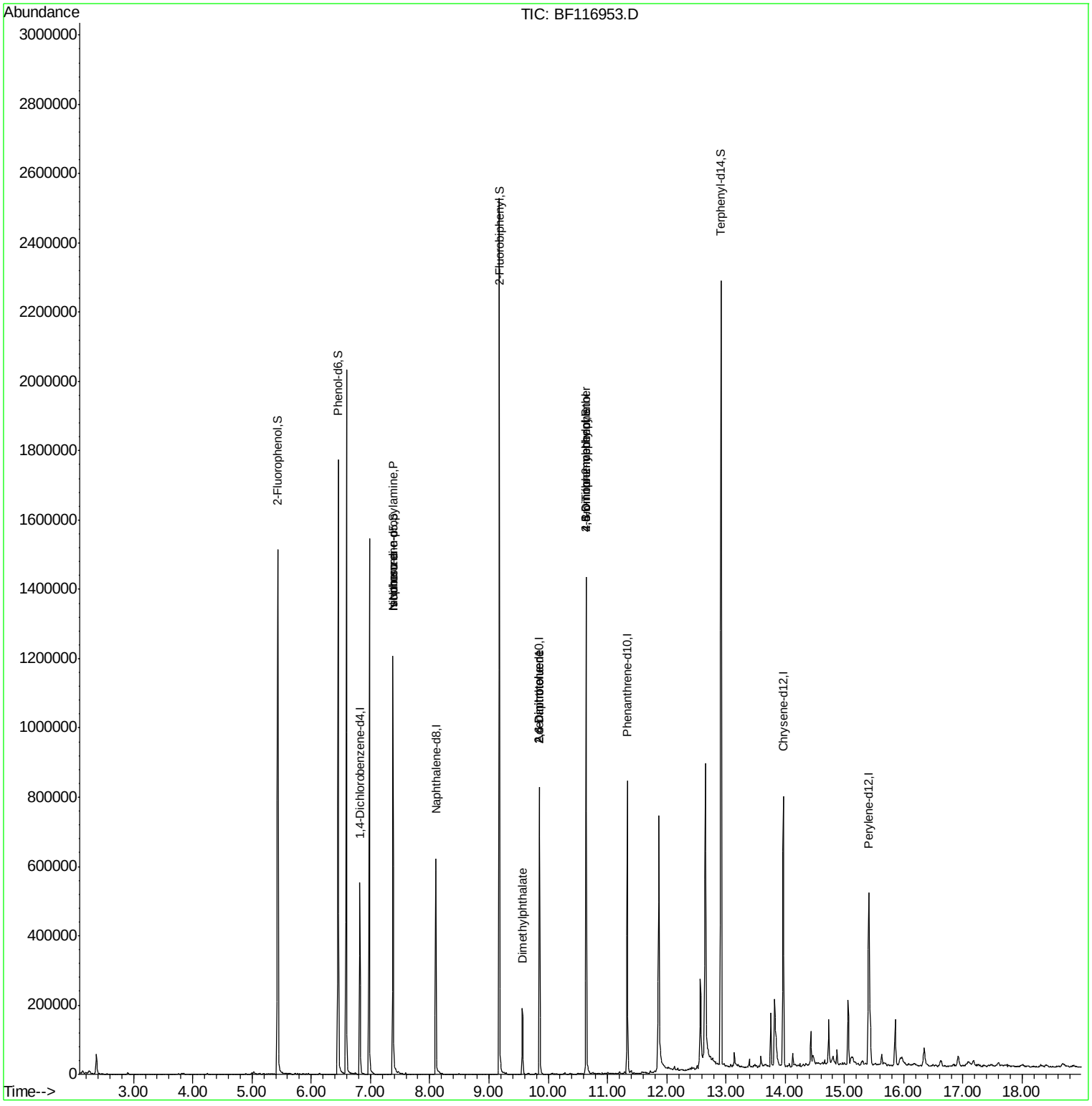
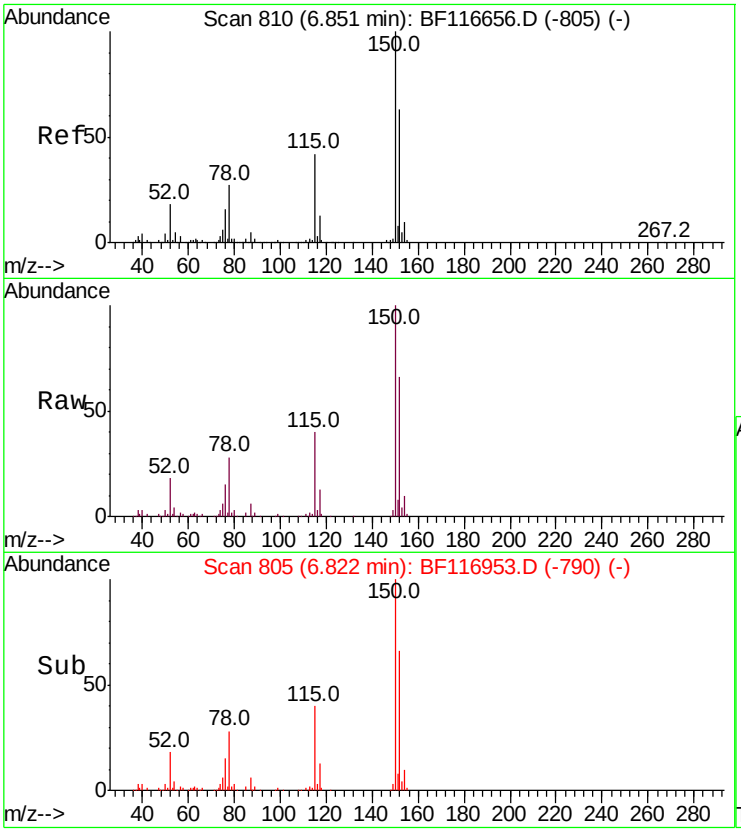


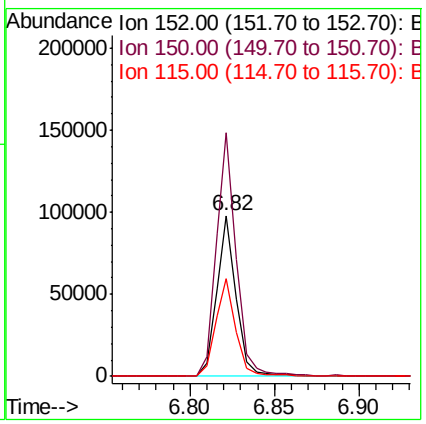


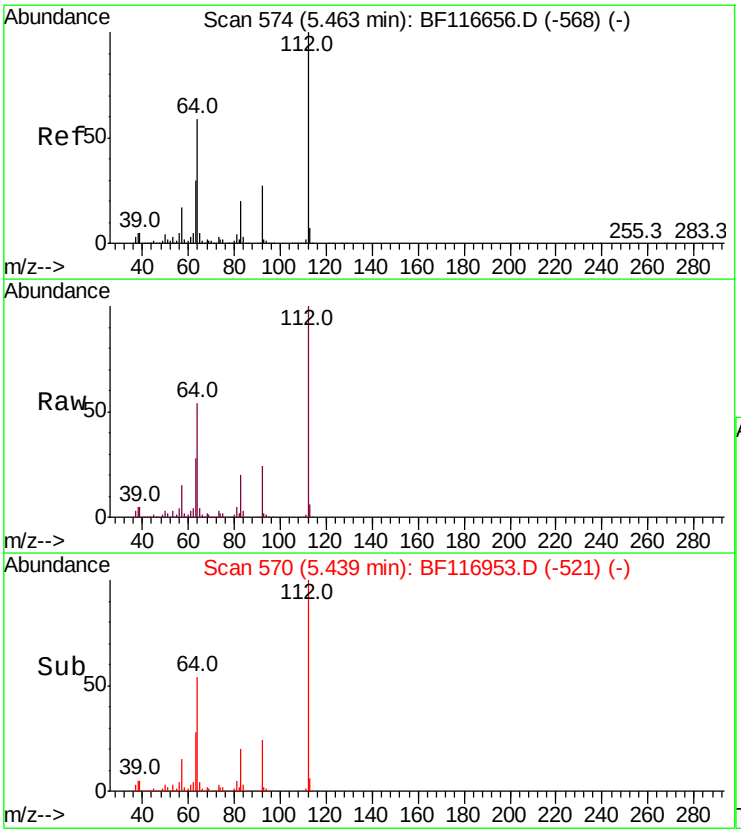
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 79134

Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.4	186.6
115	61.1	49.9	74.9

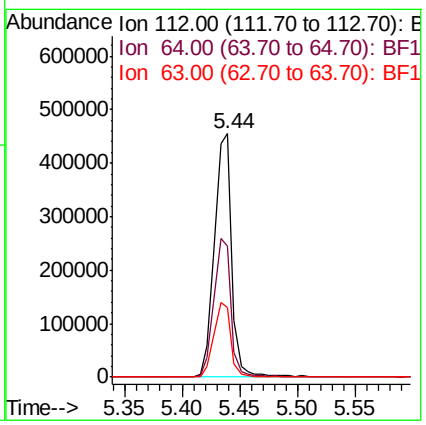


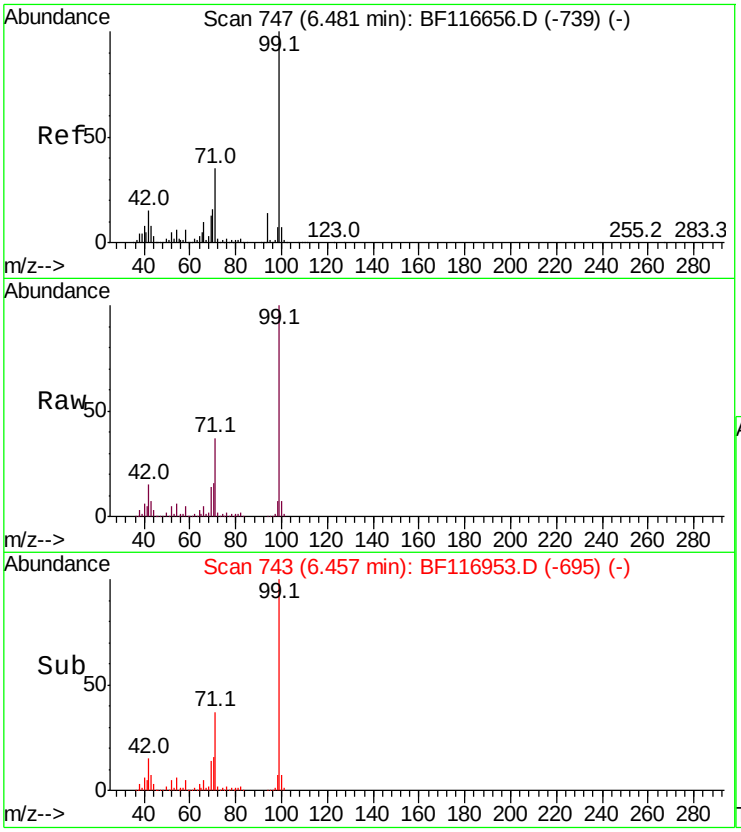


#5
2-Fluorophenol
Concen: 97.040 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion:112 Resp: 474008

Ion	Ratio	Lower	Upper
112	100		
64	54.0	47.1	70.7
63	28.3	24.9	37.3



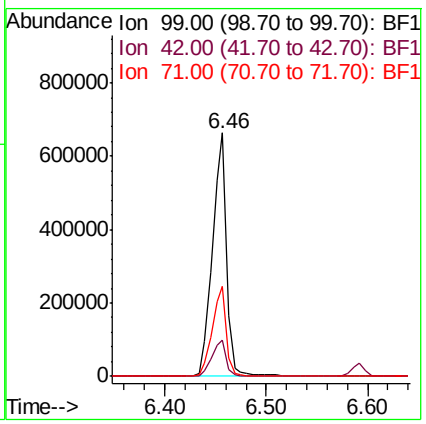


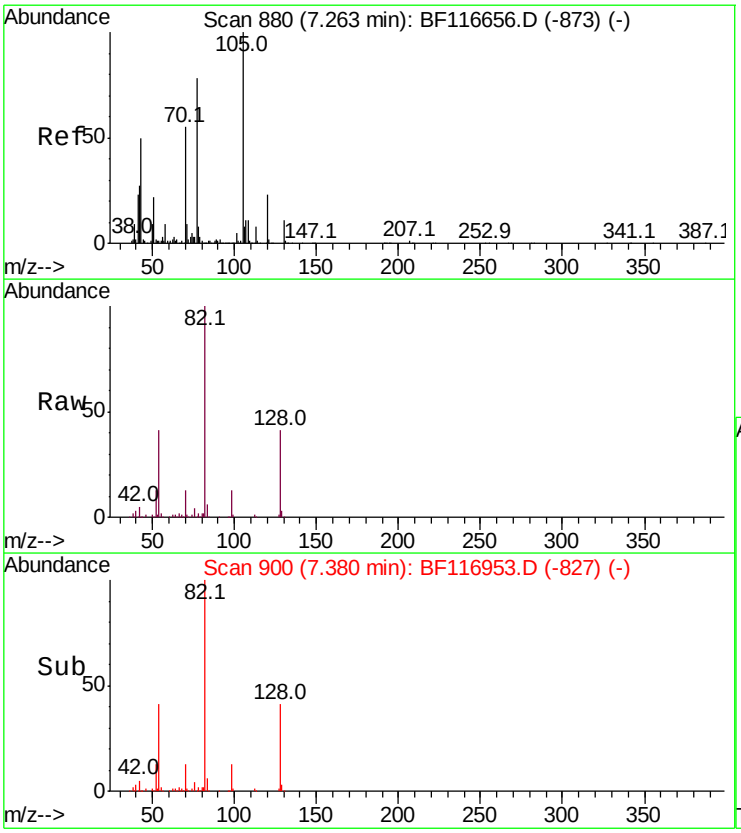
#7
Phenol-d6
Concen: 100.767 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 646330

Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.7	20.5
71	36.8	30.8	46.2

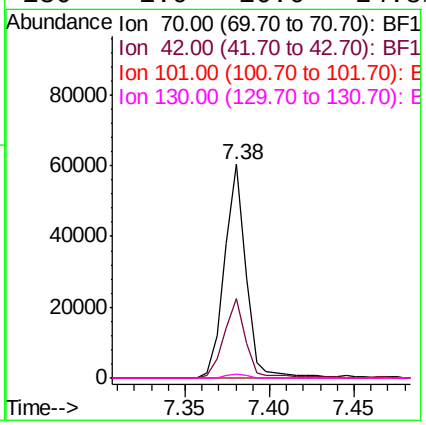


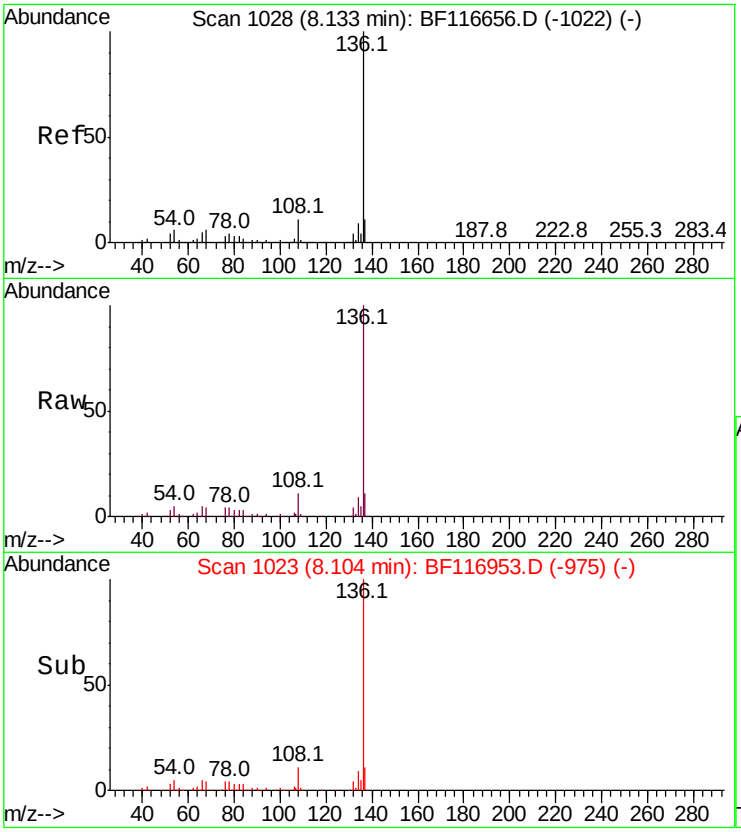


#19
n-Nitroso-di-n-propylamine
Concen: 12.707 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.13 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion: 70 Resp: 53666

Ion	Ratio	Lower	Upper
70	100		
42	37.1	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



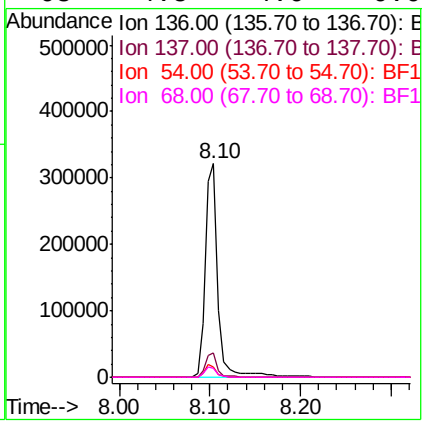


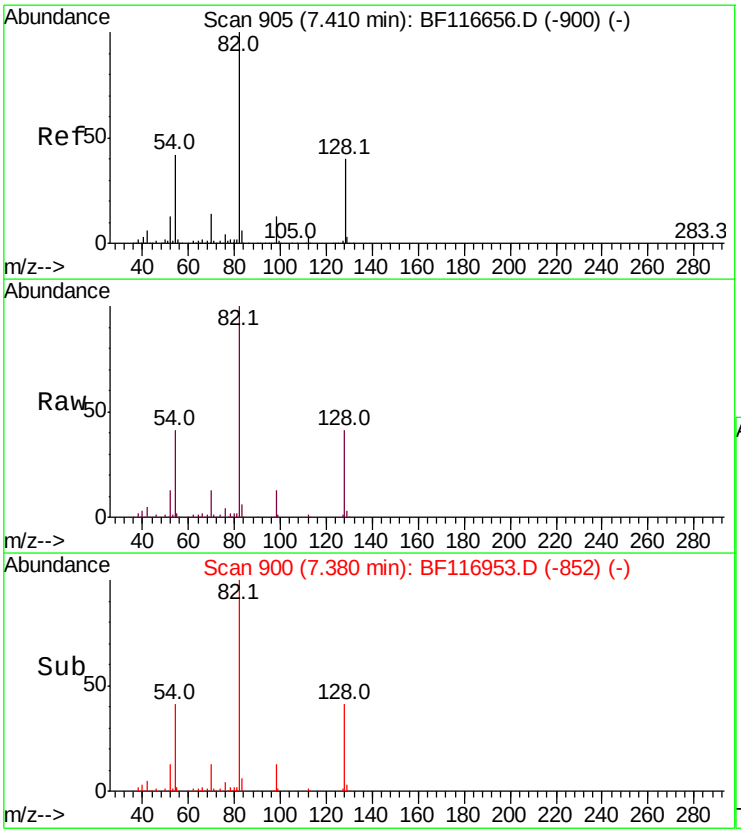
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 317755

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	5.0	4.8	7.2
68	4.5	4.0	6.0

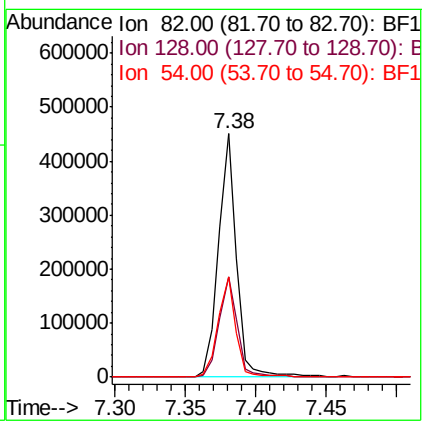


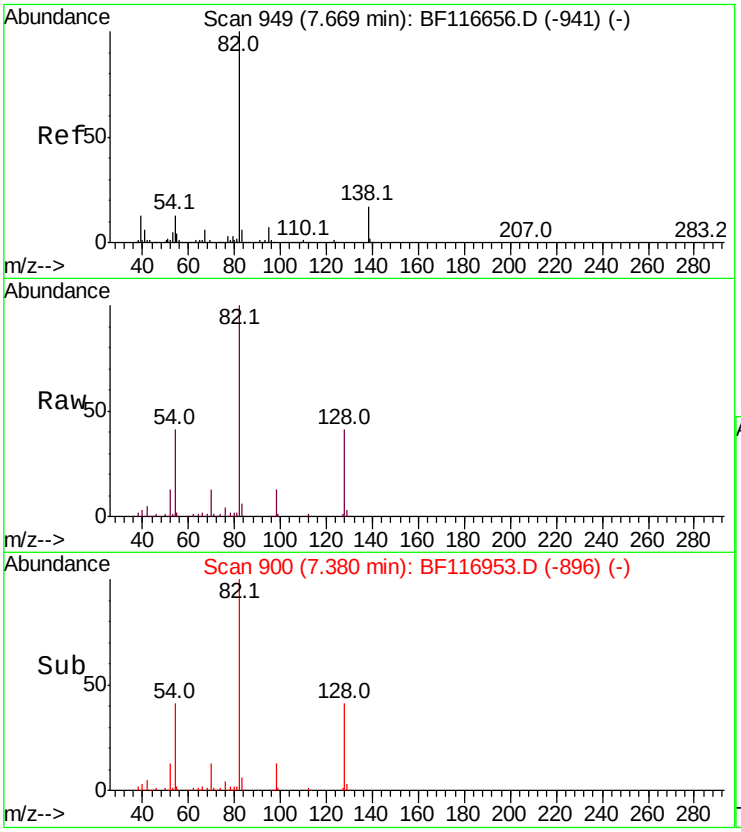


#23
Nitrobenzene-d5
Concen: 72.103 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion: 82 Resp: 401332

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.8	49.2
54	41.3	36.9	55.3



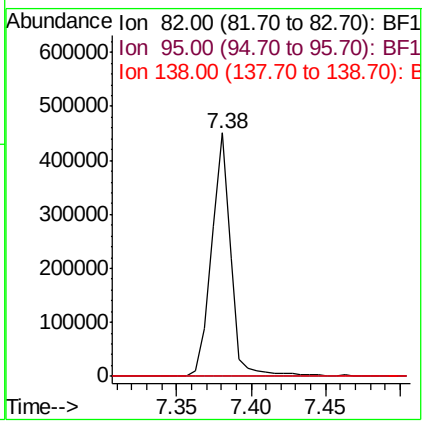


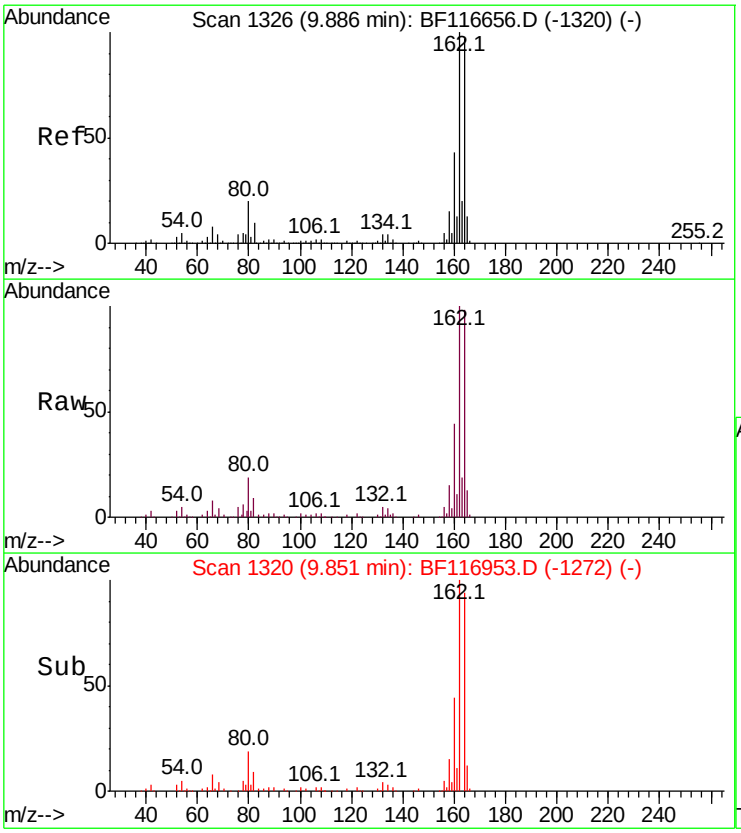
#25
Isophorone
Concen: 35.582 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.28 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 401328

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

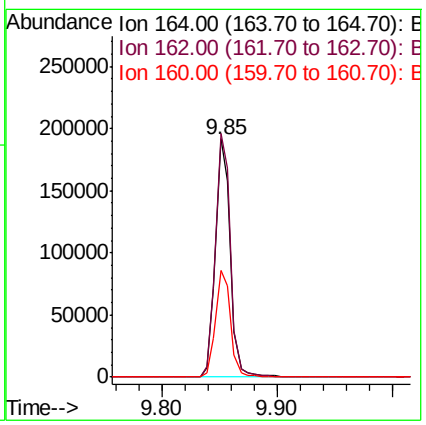


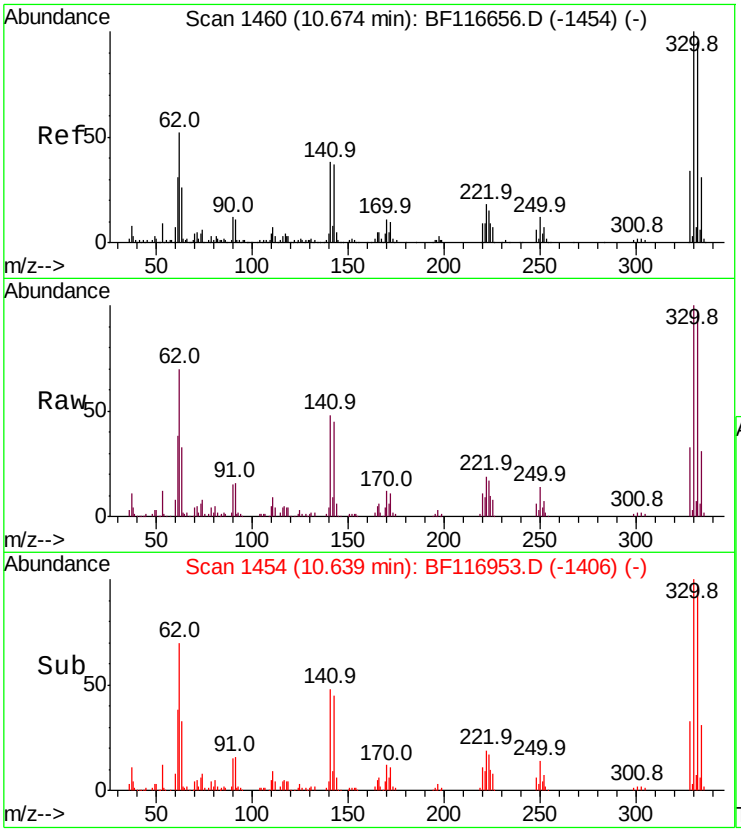


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion:164 Resp: 171134

Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.4	122.0
160	45.0	35.4	53.2



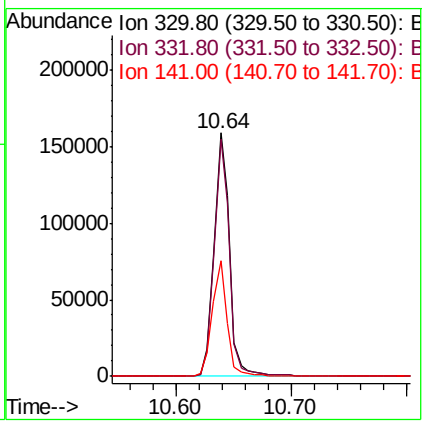


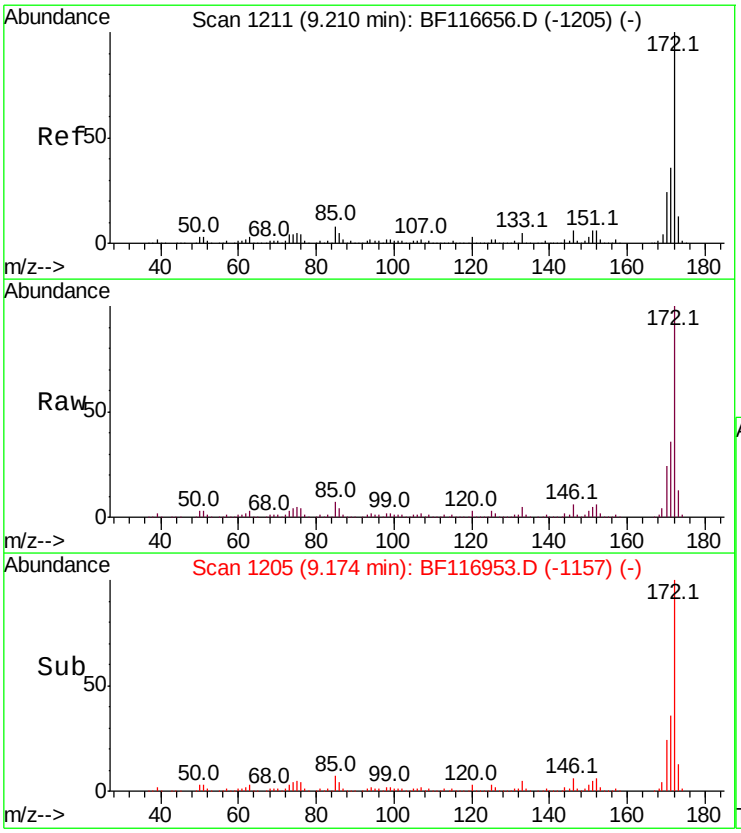
#42
2,4,6-Tribromophenol
Concen: 128.687 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 147227

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	45.7	31.4	47.2

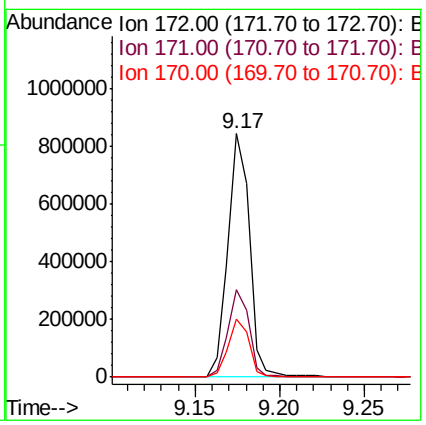


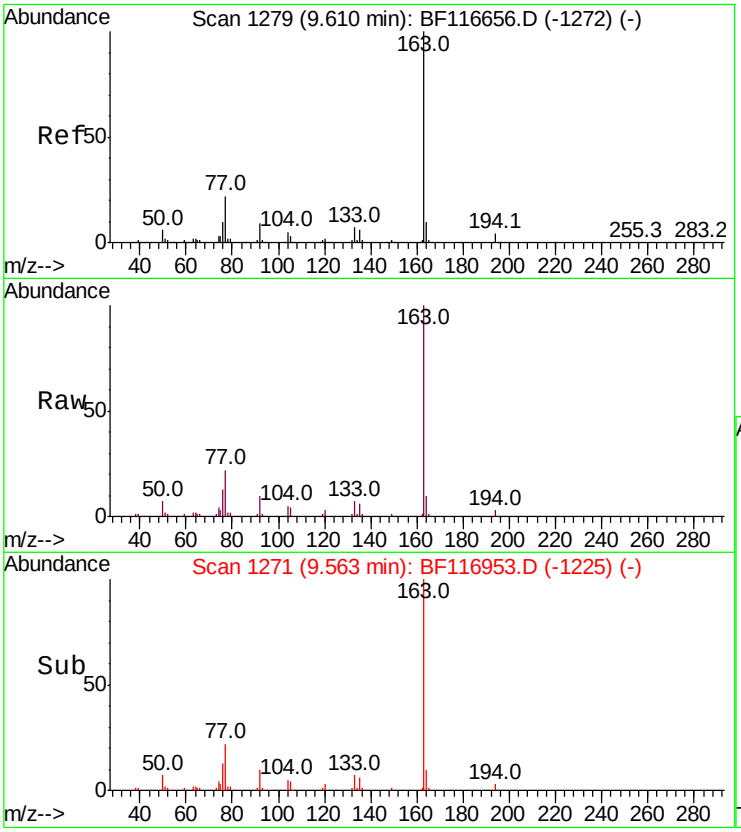


#45
2-Fluorobiphenyl
Concen: 73.958 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion:172 Resp: 750301

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.8	41.6
170	23.8	18.9	28.3



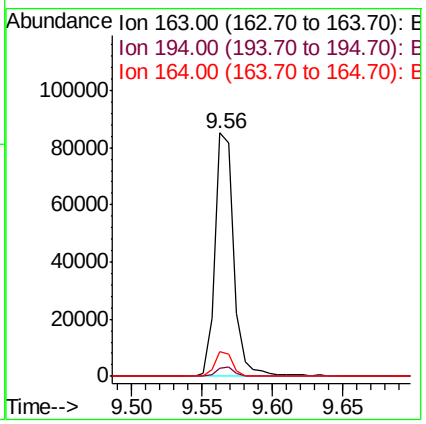


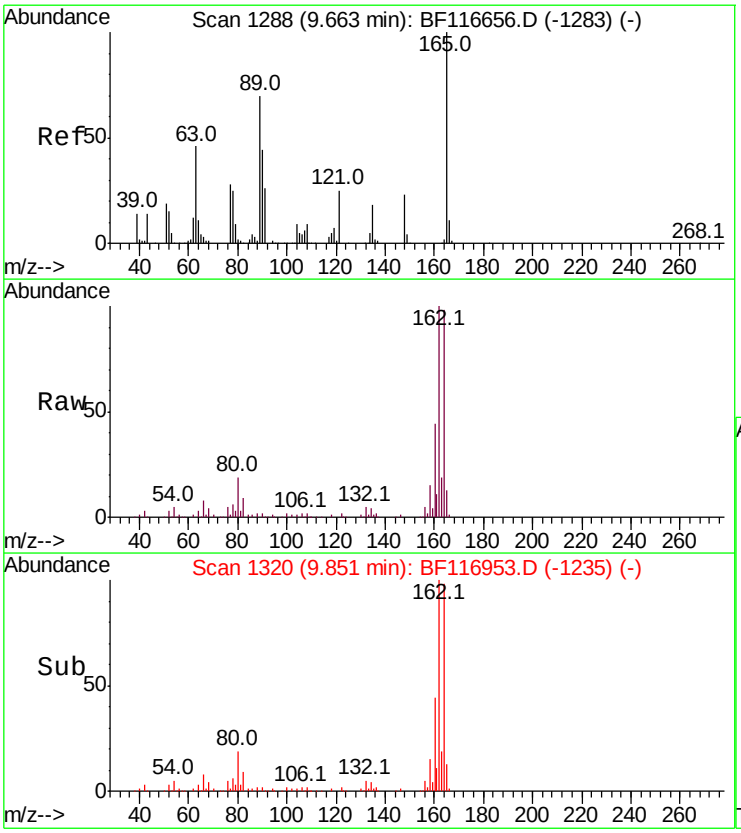
#50
Dimethylphthalate
Concen: 6.674 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 78853

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.1	8.6	12.8

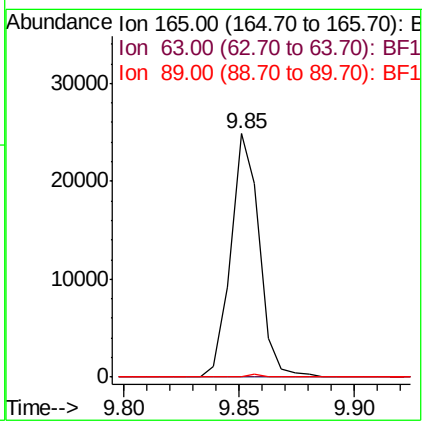


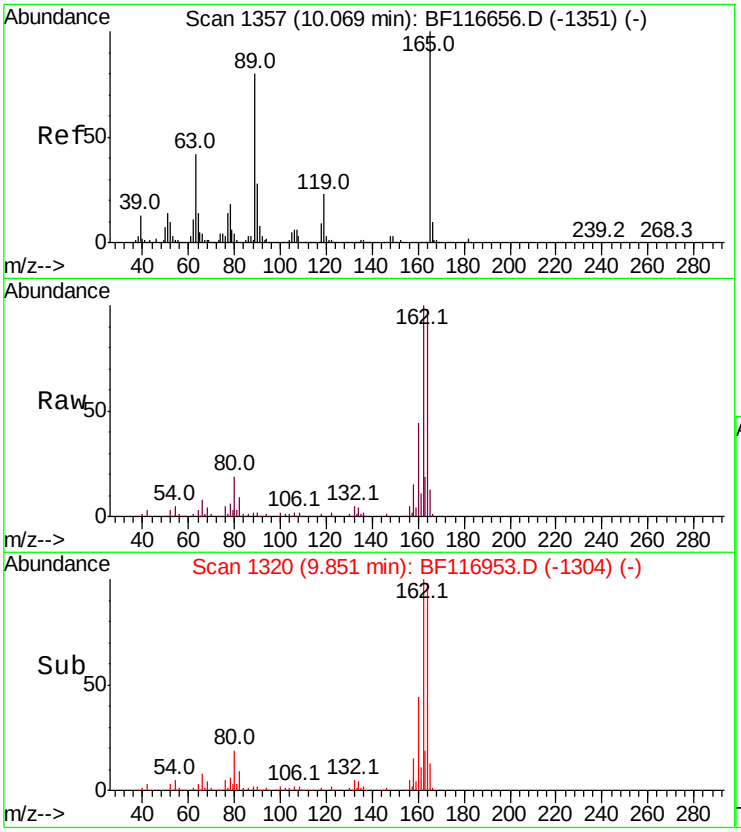


#51
2,6-Dinitrotoluene
Concen: 9.482 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.20 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion:165 Resp: 21374

Ion	Ratio	Lower	Upper
165	100		
63	0.0	47.3	70.9#
89	0.0	52.5	78.7#



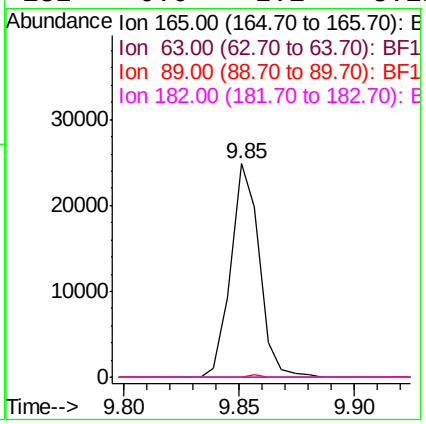


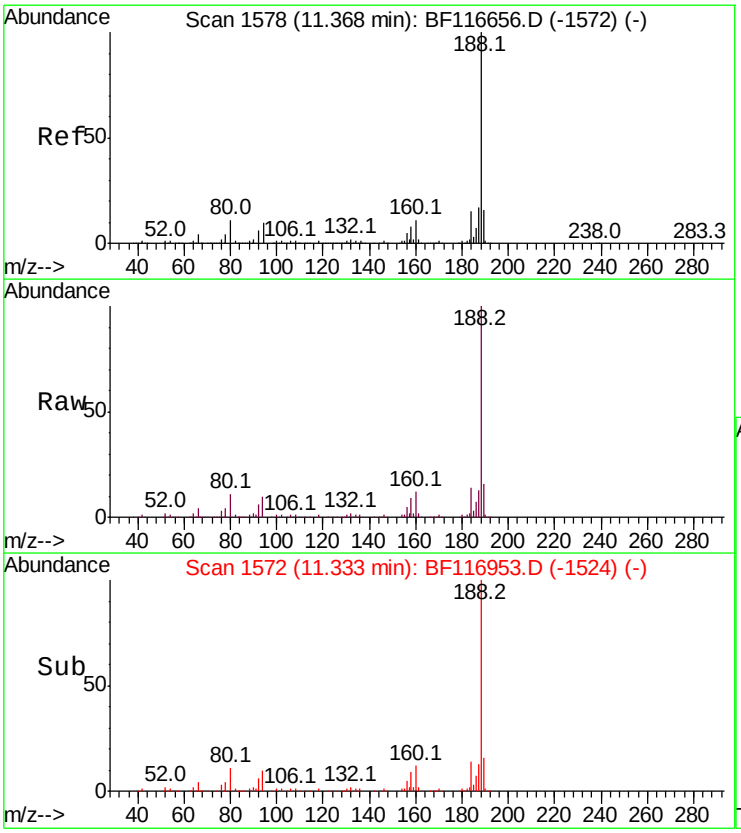
#57
2,4-Dinitrotoluene
Concen: 7.754 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.21 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 21374

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#

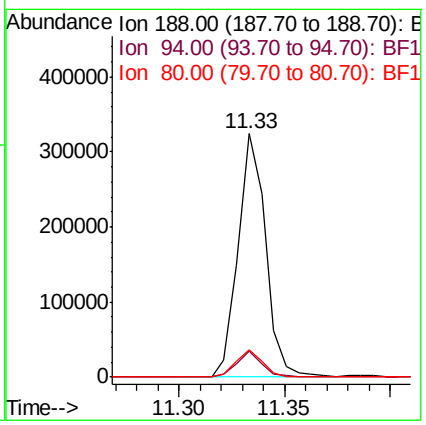


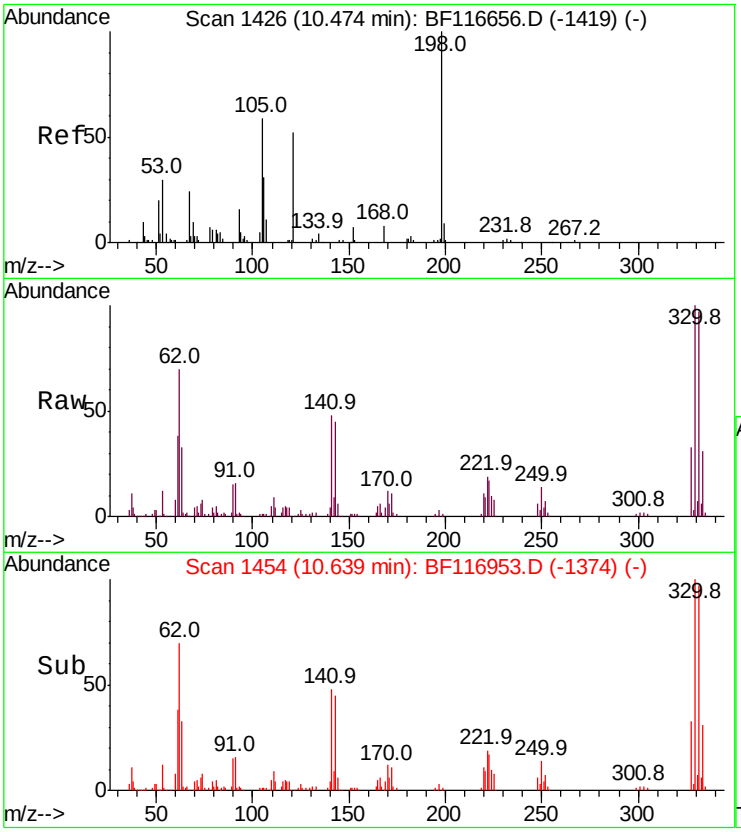


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion:188 Resp: 293453

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.3	10.9
80	11.2	8.4	12.6



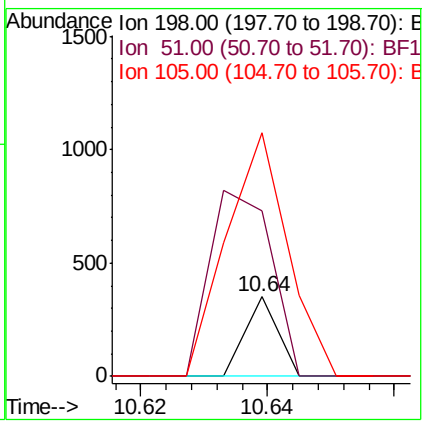


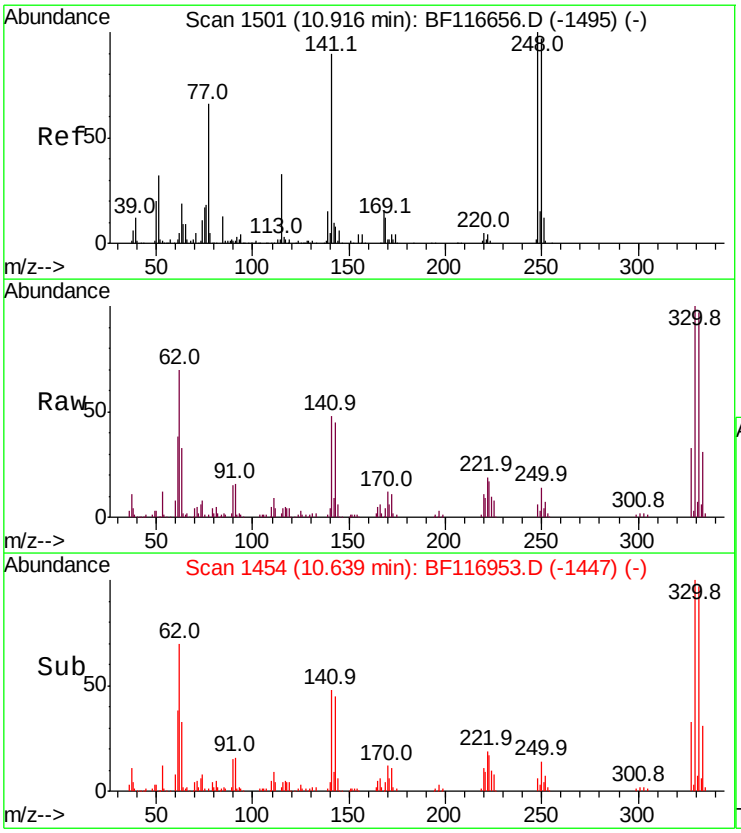
#65
4,6-Dinitro-2-methylphenol
Concen: 7.547 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.17 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 123

Ion	Ratio	Lower	Upper
198	100		
51	209.1	18.4	58.4#
105	306.9	22.9	62.9#

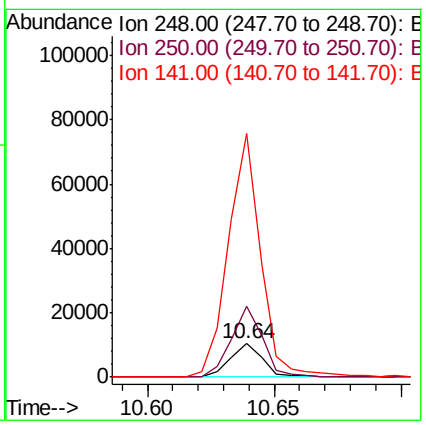


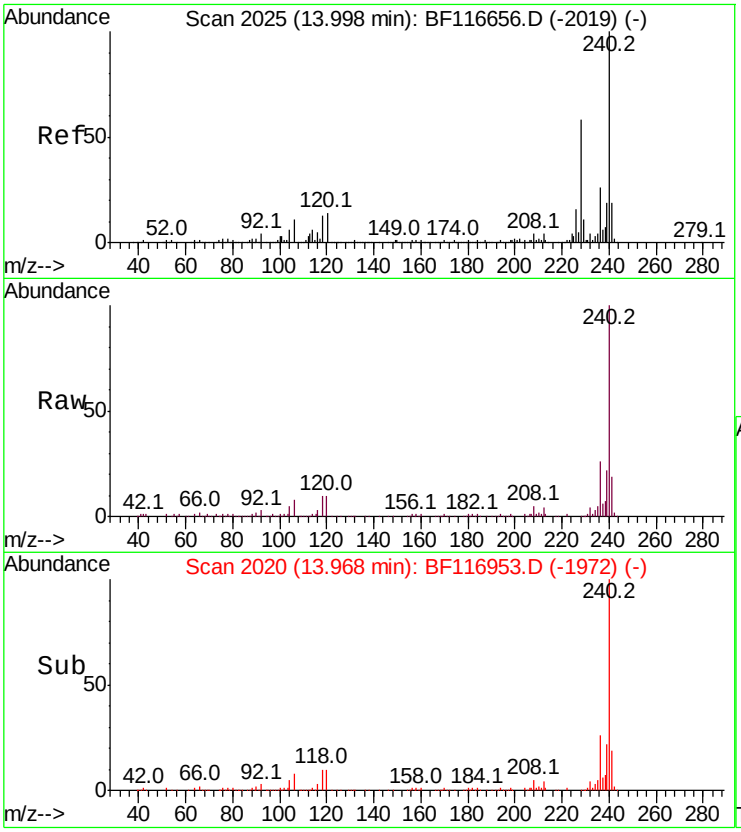


#67
4-Bromophenyl-phenylether
Concen: 3.094 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.26 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion:248 Resp: 9223

Ion	Ratio	Lower	Upper
248	100		
250	212.4	77.8	116.8#
141	734.6	75.9	113.9#



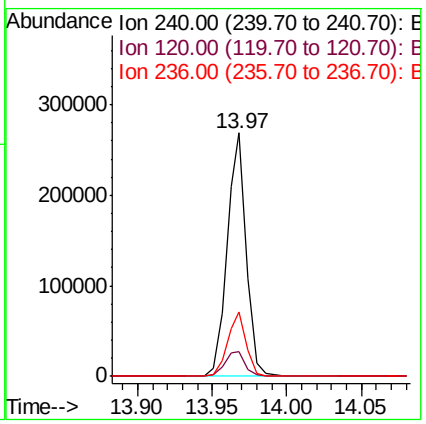


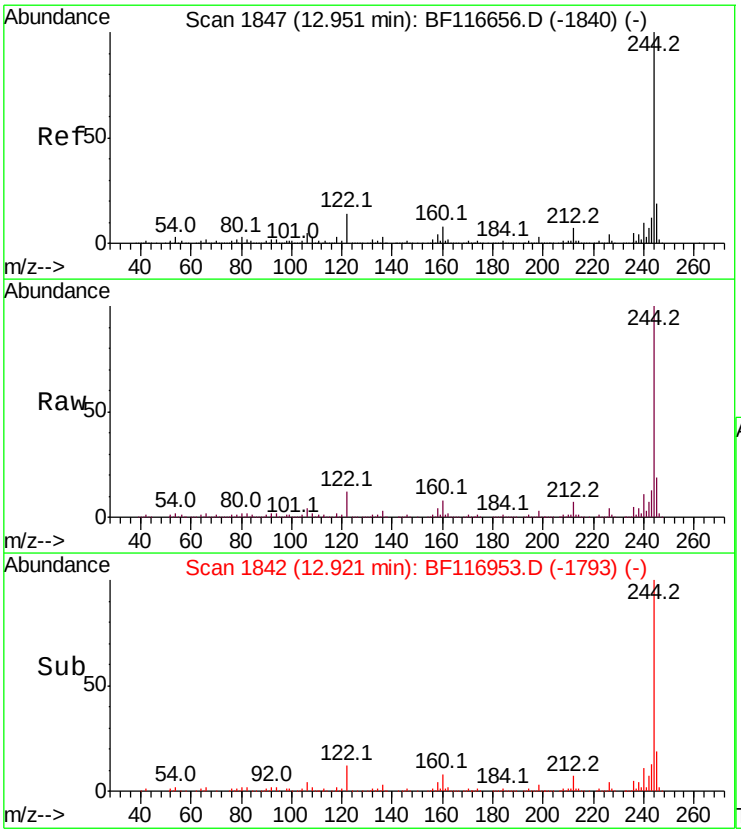
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 242015

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.1	13.7
236	26.2	21.1	31.7

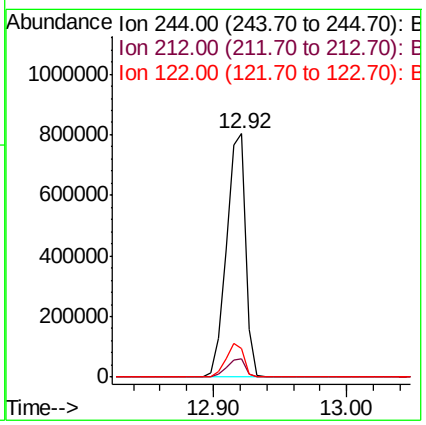


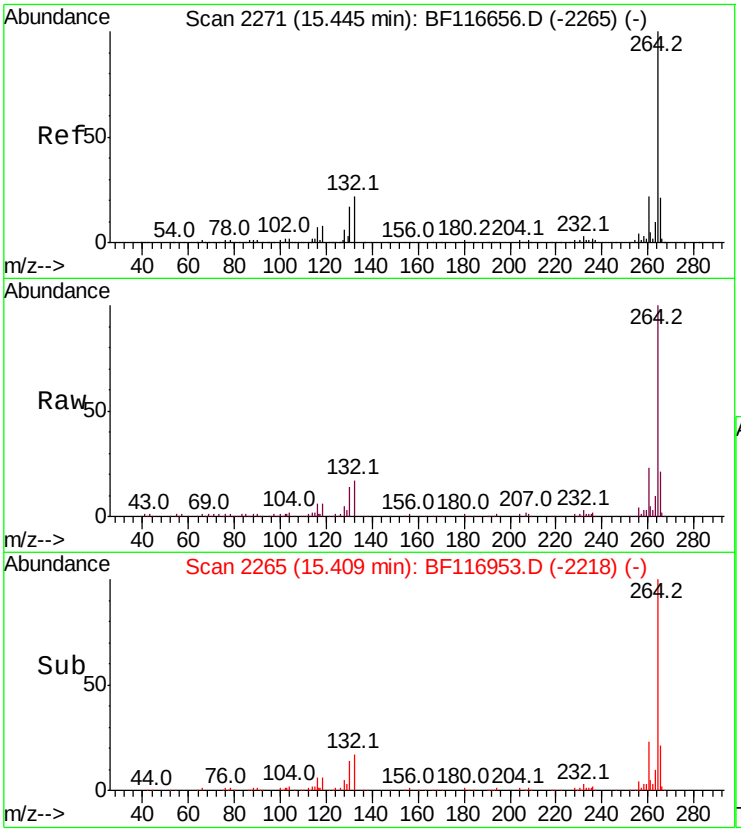


#79
Terphenyl-d14
Concen: 62.195 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Tgt Ion:244 Resp: 813653

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.5	10.2	15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116953.D
Acq: 11 Sep 2019 18:27

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 237731

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	21.2	16.5	24.7